

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013322.D
 Acq On : 14 Apr 2023 16:31
 Operator : KP/MD
 Sample : 02341-01
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH1-BOT-1

Quant Time: Apr 17 02:13:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

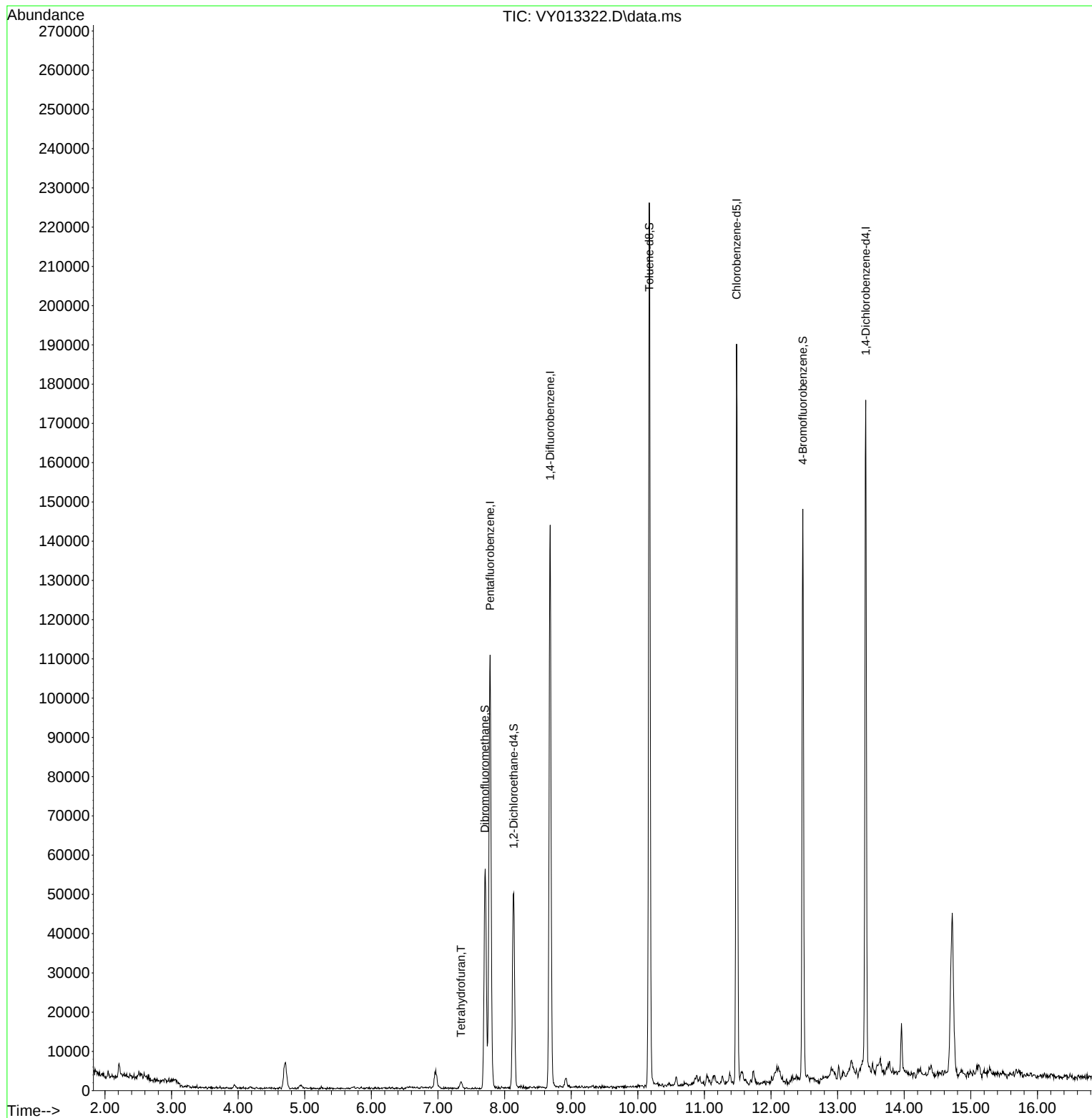
Internal Standards						
1) Pentafluorobenzene	7.783	168	88101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	119738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	105775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	41961	39.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.260%
35) Dibromofluoromethane	7.704	113	38845	50.111	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.220%
50) Toluene-d8	10.173	98	145925	50.575	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.477	95	41846	44.636	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.280%
Target Compounds						
					Qvalue	
29) Tetrahydrofuran	7.344	42	1410	4.981	ug/l #	82

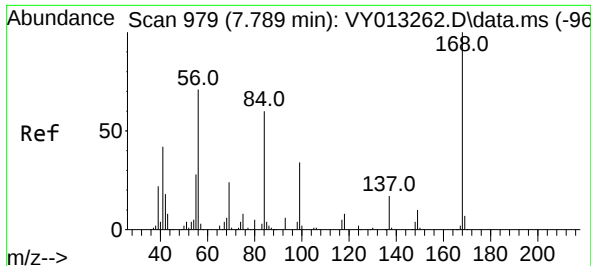
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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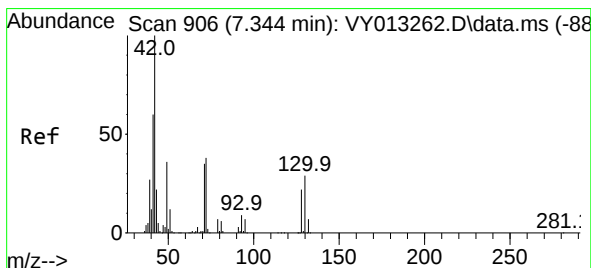
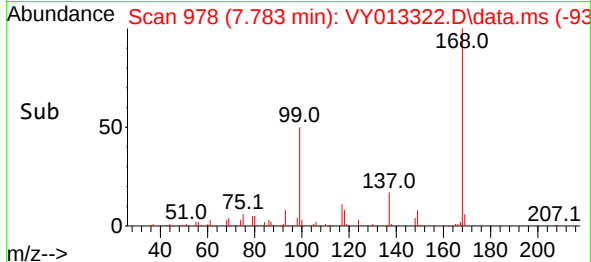
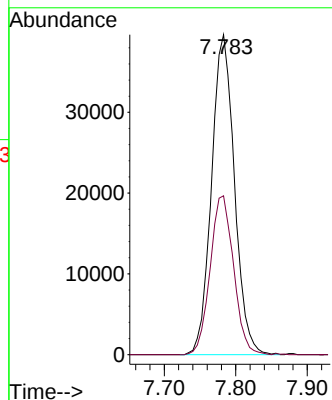
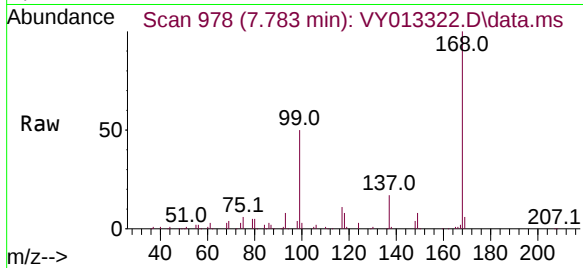




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013322.D
Acq: 14 Apr 2023 16:31

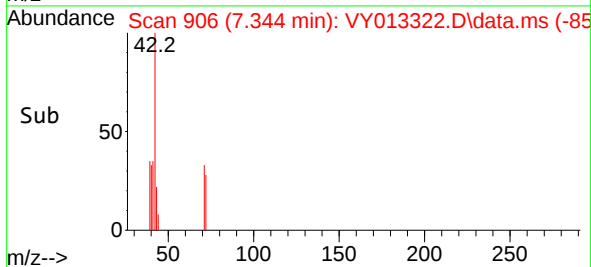
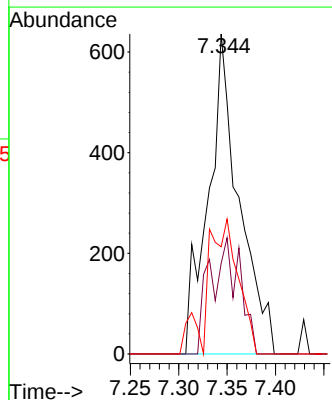
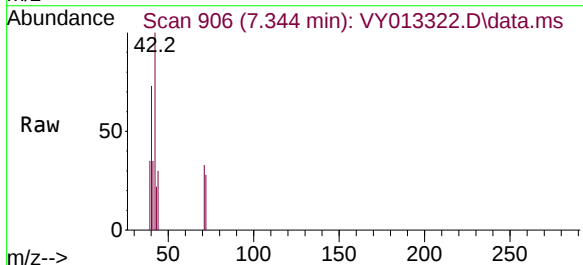
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-1

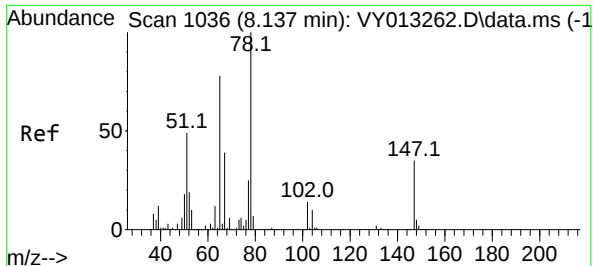
Tgt Ion:168 Resp: 88101
Ion Ratio Lower Upper
168 100
99 49.6 41.7 62.5



#29
Tetrahydrofuran
Concen: 4.981 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY013322.D
Acq: 14 Apr 2023 16:31

Tgt Ion: 42 Resp: 1410
Ion Ratio Lower Upper
42 100
72 23.1 32.3 48.5#
71 42.9 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 39.632 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013322.D

Acq: 14 Apr 2023 16:31

Instrument :

MSVOA_Y

ClientSampleId :

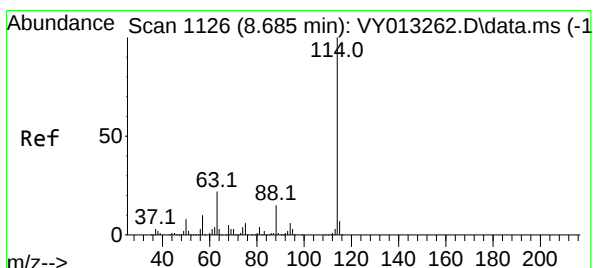
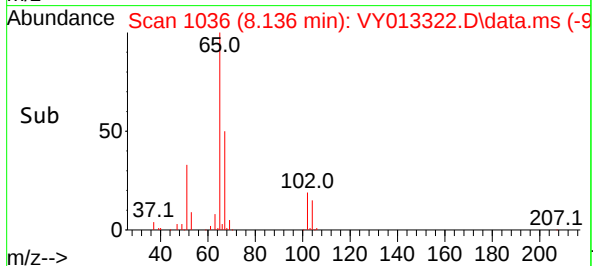
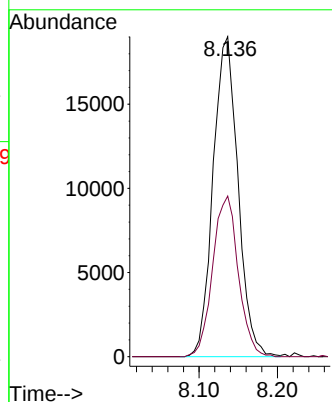
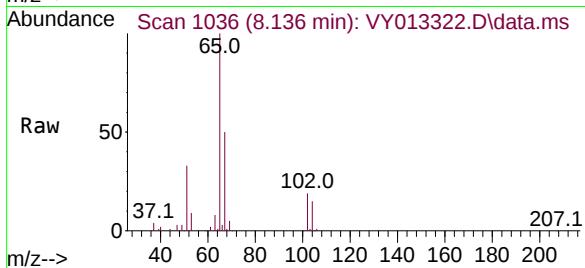
PH1-BOT-1

Tgt Ion: 65 Resp: 41961

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013322.D

Acq: 14 Apr 2023 16:31

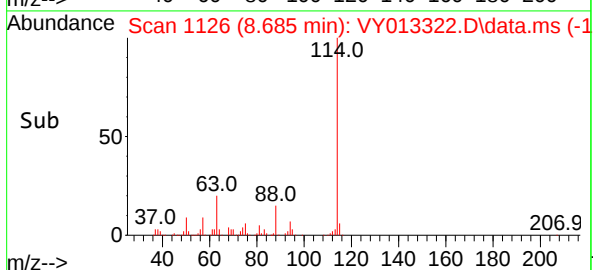
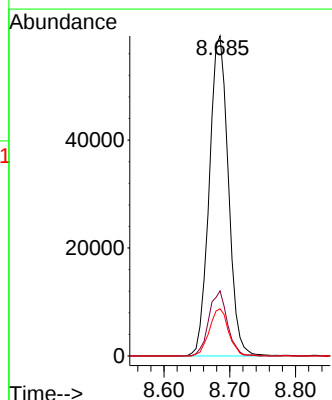
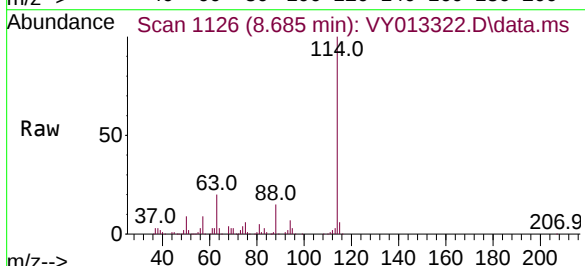
Tgt Ion: 114 Resp: 119738

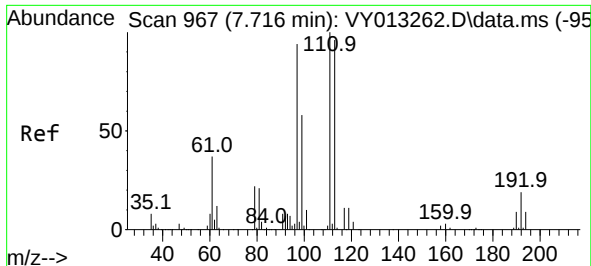
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 14.8 0.0 28.6

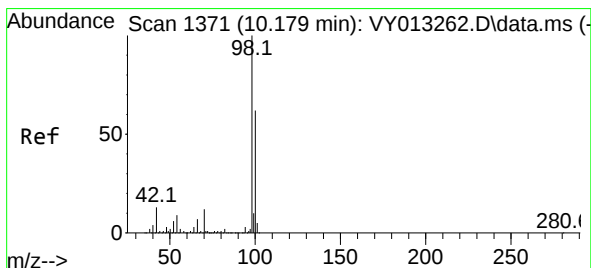
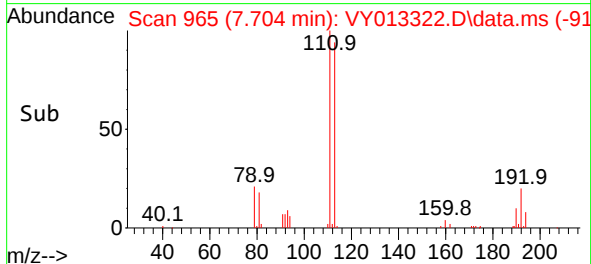
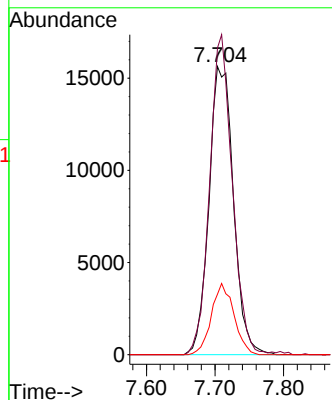
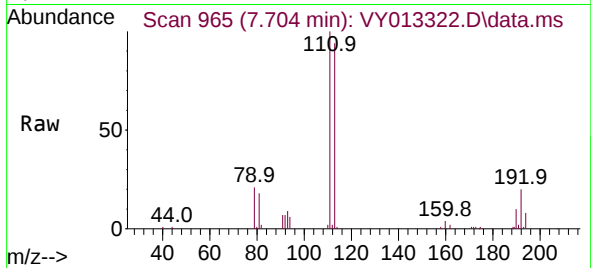




#35
Dibromofluoromethane
Concen: 50.111 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013322.D
Acq: 14 Apr 2023 16:31

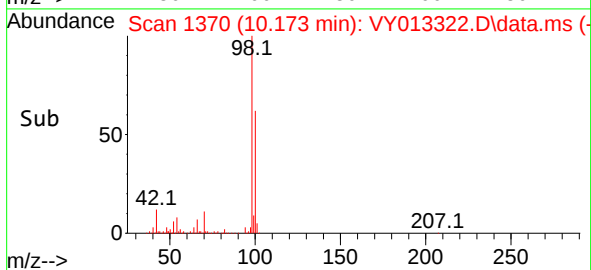
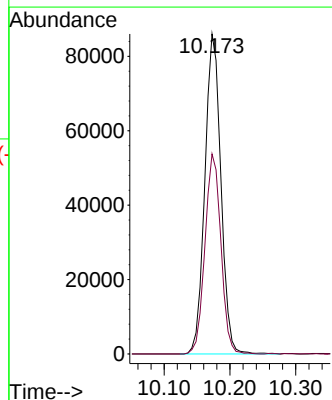
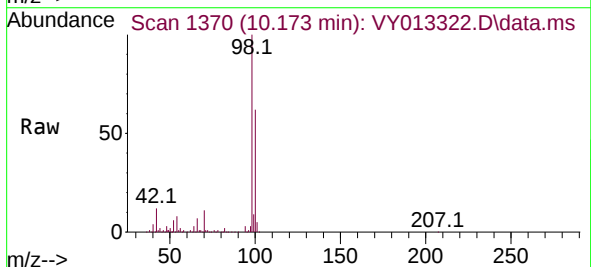
Instrument :
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PH1-BOT-1

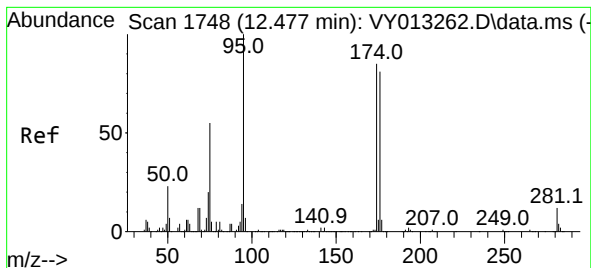
Tgt Ion:113 Resp: 38845
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 22.8 16.8 25.2



#50
Toluene-d8
Concen: 50.575 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013322.D
Acq: 14 Apr 2023 16:31

Tgt Ion: 98 Resp: 145925
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3

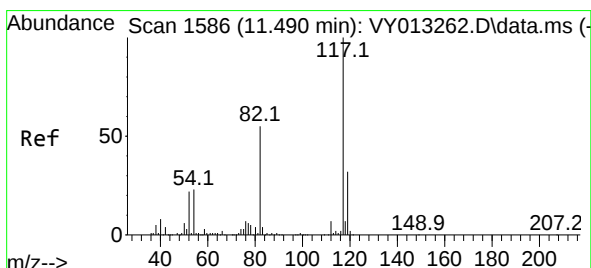
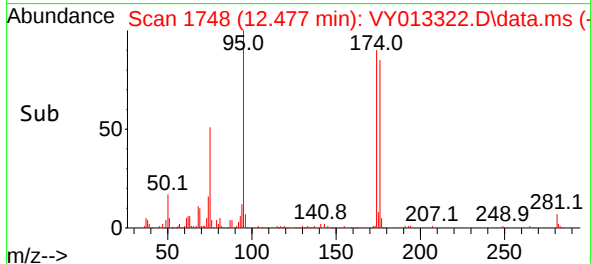
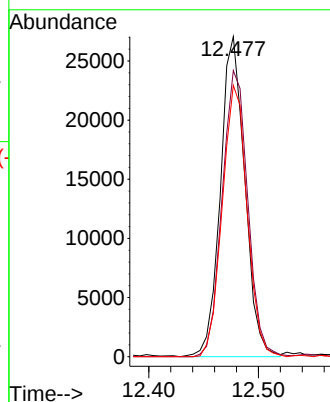
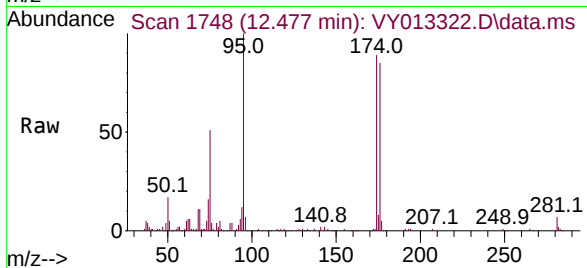




#62
4-Bromofluorobenzene
Concen: 44.636 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013322.D
Acq: 14 Apr 2023 16:31

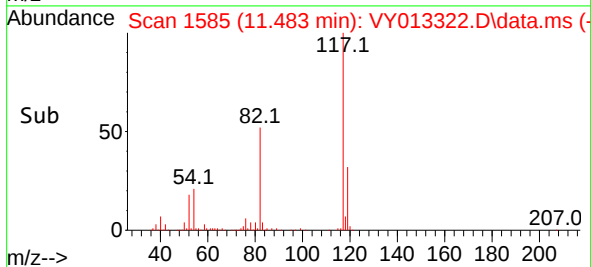
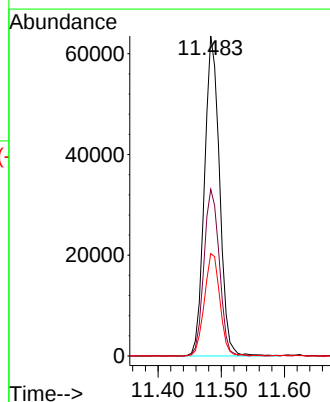
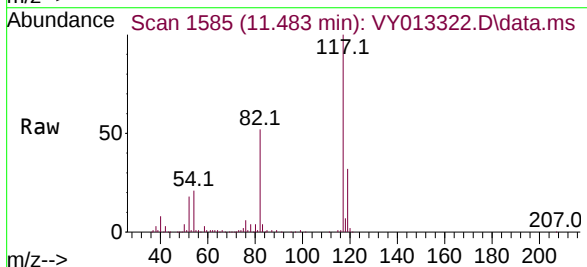
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-1

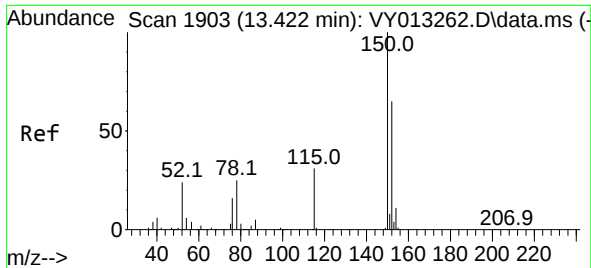
Tgt Ion: 95 Resp: 41846
Ion Ratio Lower Upper
95 100
174 93.6 0.0 176.6
176 86.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013322.D
Acq: 14 Apr 2023 16:31

Tgt Ion: 117 Resp: 105775
Ion Ratio Lower Upper
117 100
82 52.1 45.4 68.0
119 32.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013322.D
 Acq: 14 Apr 2023 16:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH1-BOT-1

Tgt Ion:152 Resp: 47031
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.1 81.3
 150 155.0 0.0 347.8

